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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |  | DATE: October 18, 2004                              |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371   |  | U.S. Application No. (if known)<br><b>107511715</b> |
| INTERNATIONAL APPLICATION NO.:<br>PCT/JP03/05016   | INTERNATIONAL FILING DATE:<br>April 18, 2003 | PRIORITY DATE CLAIMED:<br>April 19, 2002            |
| TITLE OF INVENTION: <b>HYDROGEN-CONTAINING ELECTRICALLY CONDUCTIVE INORGANIC COMPOUND</b>  |  |   |
| APPLICANT(S) FOR DO/EO/US: Hideo HOSONO, Masahiro HIRANO and Katsuro HAYASHI   |  |   |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| <ol style="list-style-type: none"><li>1. <u>XX</u> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>2. <u>  </u> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li><li>3. <u>XX</u> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li><li>4. <u>XX</u> The US has been elected (Article 31).</li><li>5. <u>XX</u> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):<ol style="list-style-type: none"><li>a. <u>  </u> is transmitted herewith (required only if not transmitted by the International Bureau).</li><li>b. <u>XX</u> has been transmitted by the International Bureau.</li><li>c. <u>  </u> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <u>XX</u> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none"><li>a. <u>XX</u> is attached hereto.</li><li>b. <u>  </u> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <u>XX</u> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none"><li>a. <u>  </u> are transmitted herewith (required only if not transmitted by the International Bureau).</li><li>b. <u>  </u> have been transmitted by the International Bureau.</li><li>c. <u>  </u> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <u>XX</u> have not been made and will not be made.</li></ol></li><li>8. <u>  </u> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li><li>9. <u>  </u> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li><li>10. <u>  </u> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li></ol> |  |   |
| ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:  |  |   |
| <ol style="list-style-type: none"><li>11. <u>XX</u> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO-1449 and 13 references.</li><li>12. <u>  </u> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br/>ASSIGNEE NAME AND ADDRESS: <b>JAPAN SCIENCE AND TECHNOLOGY AGENCY, Kawaguchi-shi, Japan</b><br/>Please publish the assignee data with the application.</li><li>13. <u>XX</u> A preliminary amendment.</li><li>14. <u>  </u> An Application Data Sheet under 37 C.F.R. 1.76</li><li>15. <u>  </u> A substitute specification.</li><li>16. <u>  </u> A change of power of attorney and/or address letter.</li><li>17. <u>  </u> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li><li>18. <u>  </u> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li><li>19. <u>  </u> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li><li>20. <u>XX</u> Other items or information: 5 sheet of drawings</li></ol>  |  |   |

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| U.S. APPLICATION NO. (if known)<br><div style="font-size: 2em; font-weight: bold; text-align: center;">10/511715</div> | INTERNATIONAL APPLICATION NO.<br>P03/05016 | DATE: October 18, 2004 |
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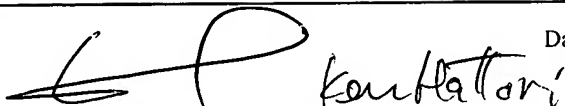
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| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><br><b>Basic National Fee (37 CFR 1.492(a)(1)-(5):</b><br>Search Report has been prepared by the EPO or JPO: .....\$950.00<br><br>International preliminary examination fee paid<br>to USPTO (37 CFR 1.482) .....\$750.00<br><br>No international preliminary examination fee paid<br>to USPTO (37 CFR 1.482) but international search fee<br>paid to USPTO (37 CFR 1.445(a)(2)) .....\$790.00<br><br>Neither international preliminary examination fee<br>(37 CFR 1.482) nor international search fee<br>(37 CFR 1.445(a)(2)) paid to USPTO .....\$1110.00<br><br>International preliminary examination fee<br>(37 CFR 1.482) and all claims satisfied provisions<br>of PCT Article 33(2)-(4) .....\$100.00<br><br><div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> | <u>CALCULATIONS</u> | <u>PTO USE ONLY</u> |
| <div style="text-align: right;"><b>\$ 950.00</b></div>   |                     |                     |

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| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | <b>\$ 130.00</b> |  |
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| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE       |                   |    |
|--|--------------|--------------|------------|-------------------|----|
| TOTAL  | 27 -20 =     | 7            | X \$ 18.00 | <b>\$ 126.00</b>  |    |
| INDEPENDENT  | 3 - 3 =      |              | X \$ 88.00 |                   |    |
| Multiple dependent claims(s) (if applicable)   |              |              | + \$300.00 | <b>\$ 300.00</b>  |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |            | <b>\$1,506.00</b> |    |
| Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).   |              |              |            |                   |    |
| <b>SUBTOTAL =</b>  |              |              |            | <b>\$1,506.00</b> |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +                                |              |              |            |                   |    |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |            | <b>\$1,506.00</b> |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br><b>\$40.00 per property +</b> |              |              |            |                   |    |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |            | <b>\$1,506.00</b> |    |
|  |              |              |            | Amount to be:     |    |
|  |              |              |            | refunded          | \$ |
|  |              |              |            | charged           | \$ |

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| U.S. Application No. <b>10/511715</b>   |  | INTERNATIONAL APPLICATION NO.<br>PCT/JP03/05016   | DATE: October 18, 2004 |
| <p>a. <u>XX</u> A check in the amount of \$1,506.00 to cover the above fees is enclosed. (\$950.00 for basic filing fee; \$126.00 for 7 additional claims; \$300.00 for multiple dependent claims and \$130.00 for late filing of the declaration).</p> <p>b. <u>   </u> Please charge my Deposit Account No. 50-2866 in the amount of \$<u>   </u> to cover the above fees. (A duplicate copy of this sheet is enclosed.)</p> <p>c. <u>XX</u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.</p> |  |   |                        |
| Send All Correspondence To:   |  | WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP<br>1250 Connecticut Avenue, N.W.<br>Suite 700<br>Washington, D.C. 20036<br>CUSTOMER No. 38834 |                        |
| Typed or Printed Name: Sadao Kinashi  |  | Reg. No.: 48,075  |                        |
| Signature    |  | Date: October 18, 2004  |                        |

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